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| **TEXAS CTE LESSON PLAN**  [www.txcte.org](http://www.txcte.org) | |
| **Lesson Identification and TEKS Addressed** | |
| **Career Cluster** | Information Technology |
| **Course Name** | Principles of Information Technology |
| **Lesson/Unit Title** | Basic Internet Functions |
| **TEKS Student Expectations** | **130.302. (c) Knowledge and Skills**  (1) The student demonstrates professional standards/employability skills as required by business and industry.  (C) The student is expected to employ effective reading and writing skills  (3) The student uses evolving and emerging technologies to exchange information.  (C) The student is expected to demonstrate effective Internet search strategies, including keywords and Boolean logic, using various available search engines  (D) The student is expected to identify the various components of a Uniform Resource Locator  (E) The student is expected to demonstrate ability to effectively test acquired information from the Internet for accuracy, relevance, and validity |
| **Basic Direct Teach Lesson**  (Includes Special Education Modifications/Accommodations and  one English Language Proficiency Standards (ELPS) Strategy) | |
| **Instructional Objectives** | **Performance Objective:**  Upon completion of this assignment, the student will be able to access and properly use the Internet.  **Specific Objectives:**  The students will be able to   * Define Internet and terms related to the Internet. * List the different types of search engines and web browsers. * Access the internet using the proper methods. * Dissect the components of a Uniform Resource Locator. |
| **Rationale** | Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. |
| **Duration of Lesson** | Teacher’s Discretion |
| **Word Wall/Key Vocabulary**  *(ELPS c1a,c,f; c2b; c3a,b,d; c4c; c5b) PDAS II(5)* |  |
| **Materials/Specialized Equipment Needed** | **Instructional Aids**   * Let’s See What You Can Find – Word Search * Let’s See What You Can Find – Answer KEY * Find Me: All About the Internet – Crossword * Find Me: All About the Internet – Crossword KEY * All About the Internet * All About the Internet KEY * Internet Test * Internet Test KEY   **Materials Needed:**   * Printout of handouts * Paper for notes   **Equipment Needed:**   * Projector * Computer with Internet access |
| **Anticipatory Set**  (May include pre-assessment for prior knowledge) | Ask the students if they have ever done any research.  If they have, ask the students what they used to do their research.  Inform the students that the Internet has not been around for a long time, and before then, people had to do thorough research in a library to find the information they needed.  Tell the students that today we will discuss the basic functions of the Internet. Say that most people use the Internet daily without knowing the true functions of its different parts. |
| **Direct Instruction \*** | |  |  | | --- | --- | | * Lesson Overview | When necessary, connect to the Internet to show students what you are explaining.  Also, make sure that students take thorough notes. They will need to know specific definitions. | | * Let’s See What You Can Find – Internet Search   1. The first three questions should be done as a class so that students can get an idea of how to search. | Break the students into groups of two.  Allow the students to use the Internet to find the information located on the handout.  They can use any search engine. | | * Word Search   1. The students will find the terms that they have taken notes on in the word search | Split the students into groups of 4. The first students to get them correct can receive extra points on the assignment.  *Do not allow students to use the internet—only notes*. | | * All About the Internet   1. The students will take this to become more knowledgeable of the test. | This will be an independent assignment. Students can use the Internet and notes to get the correct answers  After the assignment, review each section.  Give the students the correct answers and explain why they are correct. | | * Test   1. The students will take the test on the information that they have learned. | Do not allow students to use notes on the test. | |
| **Guided Practice \*** | The teacher will interactively give students information about the Internet. |
| **Independent Practice/Laboratory Experience/Differentiated Activities \*** | The students will complete the All About the Internet Assignment. The students can use the Internet and notes, but they must work alone. This will prepare the students for the test. |
| **Lesson Closure** | After completing the assignments, the students should understand the basic Internet functions. Students should be able to actively use the Internet. With the information learned, the students will understand the different parts of the Internet. |
| **Summative/End of Lesson Assessment \*** | **Informal Assessment**  As the students complete the Internet search in groups, the teacher will walk around and make sure that students are properly using the Internet.  **Formal Assessment**  After the students have completed the Internet searches and the All About the Internet assignment, the teacher will give the students a test on the information that they have learned. This will test the information that they have learned through the activities. The students will be required to select correct answers and provide answers for open-ended questions. |
| **References/Resources/**  **Teacher Preparation** | * Education World   + <http://www.educationworld.com/a_lesson/hunt/ans062.shtml> * ItrainOnline   + <http://www.itrainonline.org/itrainonline/english/index.shtml> * Crossword Puzzle Maker   + - * + <http://www.armoredpenguin.com/crossword/bin/crossword.cgi> |
| **Additional Required Components** | |
| **English Language Proficiency Standards (ELPS) Strategies** |  |
| **College and Career Readiness Connection[[1]](#footnote-1)** |  |
| **Recommended Strategies** | |
| **Reading Strategies** |  |
| **Quotes** |  |
| **Multimedia/Visual Strategy**  **Presentation Slides + One Additional Technology Connection** |  |
| **Graphic Organizers/Handout** |  |
| **Writing Strategies**  **Journal Entries + 1 Additional Writing Strategy** |  |
| **Communication**  **90 Second Speech Topics** |  |
| **Other Essential Lesson Components** | |
| **Enrichment Activity**  (e.g., homework assignment) | Once the students have learned the basic function of the Internet, the students can reflect on what they have learned in order to properly use it. Students should be able to identify the different parts of the Internet screens. With this information; students can do basic research and eventually learn about doing proper research and finding reliable sources. |
| **Family/Community Connection** |  |
| **CTSO connection(s)** | SkillsUSA, TSA |
| **Service Learning Projects** |  |
| **Lesson Notes** |  |

1. Visit the Texas College and Career Readiness Standards at <http://www.thecb.state.tx.us/collegereadiness/CRS.pdf>, Texas Higher Education Coordinating Board (THECB), 2009. [↑](#footnote-ref-1)